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HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200210076-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): **Mark A. Smith et al**

Confirmation No.: **9697**

Application No.: **10/620968**

Examiner: **David A Zarneke**

Filing Date: **Jul 15, 2003**

Group Art Unit: **2891**

**Title: Fluidic MEMS Device**

**Mail Stop Amendment  
Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450**

**INFORMATION DISCLOSURE STATEMENT**

This Information Disclosure Statement is submitted:

- under 37 CFR 1.97 (b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first action on the merits; whichever occurs last)
- under 37 CFR 1.97 (c), together with either a:  
 Statement under 37 CFR 1.97 (e), or  
 a \$180 fee under 37 CFR 1.17 (p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- under 37 CFR 1.97 (d), together with either a:  
 Statement under 37 CFR 1.97 (e)(1) or (2), and  
 a \$180 fee set forth in 37 CFR 1.17 (p)  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of **\$ 180.00**. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

Applicant(s) submit herewith form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

- A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an english language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed.

It is requested that the information disclosed herein be made of record in this application.

- I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450

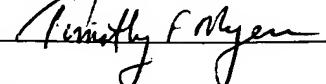
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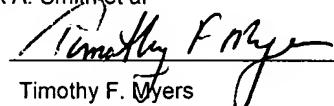
Typed Name: **Timothy F. Myers**

Signature: 

Respectfully submitted,

Mark A. Smith et al

By



Timothy F. Myers

Attorney/Agent for Applicant(s)

Reg No. : **42,919**

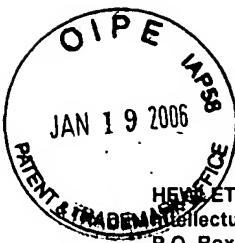
Date : **1/17/06**

Telephone : **541 715 4197**

Rev 10/05 (IDSCert)

01/20/2006 DEMMANU1 00000009 082025 10620968

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**STATEMENT UNDER 37 CFR 1.97 (e)**

The undersigned hereby certifies that either:

- Each item of information contained in the Information Disclosure Statement was cited for the first time in a communication from a foreign patent office in a counterpart foreign application, not more than three months prior to the filing of the statement, or
- No item of information contained in the Information Disclosure Statement
- was cited in a communication from a foreign patent office in a counterpart foreign application, and
- to the knowledge of the undersigned, after making reasonable inquiry, was known to any designated in 37 CFR 1.56 (c) more than three months prior to the filing of the Information Disclosure Statement.

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Date of facsimile:

Typed Name: **Timothy F. Myers**

Signature: Timothy F. Myers

Respectfully submitted,

Mark A. Smith et al

By

Timothy F. Myers

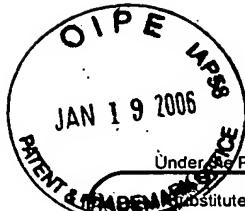
Timothy F. Myers

Attorney/Agent for Applicant(s)

Reg No.: **42,919**

Date: 1/17/04

Telephone: **541 715 4197**



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Approved for use through 07/31/2006. OMB 0651-003  
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## Under the Paperwork Reduction Act

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	10/620968
Filing Date	Jul 15, 2003
First Named Inventor	Smith et al
Art Unit	2891
Examiner Name	David A Zarneke
Attorney Docket Number	200210076_1

Sheet 1 of 2

Attorney Docket Number 200210076-1

**U. S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		T <sup>6</sup>
		EP 0951 068A	10-20-1999	C.P Clare Corp	
		WO 03/054925A	07-03-2003	Chang-Chien	
		WO 97/03459	01-30-1997	C.S.D. Lab	

Examiner Signature		Date Considered	
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>7</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<p>Substitute for form 1449/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(Use as many sheets as necessary)</i></p>		<b>Complete if Known</b>	
		Application Number	10/620968
		Filing Date	Jul 15, 2003
		First Named Inventor	Smith et al
		Art Unit	2891
Examiner Name	David A Zarneke		
Sheet	2	of	2
		Attorney Docket Number	

## NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.**

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